

IN THE CLAIMS

1.-19. (canceled)

20. (currently amended) A method of constructing an electric storage battery, comprising:

providing electrical communication between ~~a-a first~~ a first electrode strip and a pin;

positioning a mandrel on the pin;

winding the first electrode strip together with a second electrode strip so as to form a spiral roll having at least a portion of the pin within the spiral roll,

the spiral roll being formed after positioning the mandrel on the pin, and

an innermost winding of the first electrode strip and the second electrode strip being formed ~~wound together~~ after providing electrical communication between the first electrode strip and the pin, the innermost winding being the winding of the first electrode strip and the second electrode strip that is closest to the pin in the spiral roll.

21. (previously presented) The method of claim 20, further comprising:

positioning spiral roll in a case with the pin extending through the case such that the pin serves as a battery terminal.

22. (previously presented) The method of claim 20, wherein the mandrel is positioned on the pin such that the mandrel is in electrical communication with the pin.

23. (previously presented) The method of claim 20, wherein winding the first electrode strip together with the second electrode strip includes rotating the pin.

24. (previously presented) The method of claim 20, wherein an end cap is positioned on the pin,

the end cap being configured to serve as a cap for a battery case,

the end cap including an electrical insulator, and
the pin extending through the insulator.

25. (previously presented) The method of claim 24, wherein the end cap includes a conductive member surrounding the insulator and further comprising:

connecting the conductive member to a case such that the conducting member is in electrical communication with the case and the pin extends into an interior of the case.

26. (previously presented) The method of claim 20, further comprising:
welding the mandrel to the pin.

27. (previously presented) The method of claim 20, wherein
the mandrel includes a tube with a slot in the tube; and
winding the first electrode strip together with the second electrode strip includes inserting a drive key into slot, and employing the drive key to rotate the mandrel and the pin.

28. (previously presented) The method of claim 20 wherein the mandrel includes a channel and further comprising:

injecting an electrolyte into a case for a battery through the channel.

29.-66. (canceled)

67. (previously presented) The method of claim 20, further comprising:
crimping the mandrel to the pin.

68.-77. (canceled)

78. (previously presented) The method of claim 20, wherein the mandrel includes a tube.

79. (previously presented) The method of claim 78, wherein positioning the mandrel on the pin includes positioning the pin in an interior of the tube.

80. (previously presented) The method of claim 20, wherein positioning the mandrel on the pin includes sliding the mandrel onto the pin.

81. (previously presented) The method of claim 20, wherein the mandrel is positioned on the pin such that a portion of the first electrode strip is positioned between the mandrel and the pin.

82. (previously presented) The method of claim 20, wherein the first end of the first electrode strip is connected to the pin such that the pin is in electrical communication with the first electrode strip.

83. (previously presented) The method of claim 20, wherein the mandrel has a c-shaped cross-section.